AMENDMENT

This listing of claims will replace all prior versions, and listings, of claims in the

application:

Listing of Claims:

1.   (Currently Amended) A method of dynamic re-configurable speech recognition

comprising:

determining parameters of a background model and a transducer model at a periodic time

during a received voice request;

increasing the periodic time when successes changes in sample noise information or

sample transducer information do not exceed a threshold value;

determining an adapted speech recognition model based on the background model and

the transducer model;

recognizing the voice request using the adapted speech recognition model;

translating the recognized voice request into an HTTP protocol request; and

generating a response to the recognized voice request based on information from a

database based on the HTTP protocol request.

2.   (Canceled)

3.   (Previously Presented) The method of claim 1, wherein,

the parameters of the background model are determined based on a first sample period;

and

the parameters of the transducer model are determined based on a second sample period.

4.   (Previously Presented) The method of claim 1, further comprising:

saving at least one of the parameters of the background model or the parameters of the

transducer model.

5.   (Currently Amended) A system for dynamic re-configurable speech recognition

comprising:

a background model estimation circuit for determining a background model during a

voice request based on estimated background parameters determined at a periodic time during a

reception of the voice request;

a transducer model estimation circuit for determining a transducer model of the voice

request based on estimated transducer parameters determined at the periodic time during a

reception of the voice request;

a threshold value circuit that increases the periodic time when successes in changes in

sample noise information or sample transducer information do not exceed a threshold value;

an adaptation circuit for determining an adapted speech recognition model based on a

speech recognition model, the background model and the transducer model;

a speech recognizer for recognizing the voice request;

a translator adapted to translate the recognized voice request into an HTTP protocol

request; and

a controller adapted to generate a response to the recognized voice request based on

information from a database based on the HTTP protocol request.

6.   (Previously Presented) The system of claim 5, wherein, the controller periodically

activates the background model estimation circuit and the transducer model estimation circuit.

7.   (Original) The system of claim 6, wherein,

the background model is determined based on a first sample period; and

the transducer model is determined based on a second sample period.

8.   (Previously Presented) The system of claim 6, wherein the controller saves at least one

of the background model or the transducer model into storage.

9-12.   (Canceled)

13.   (Currently Amended) A ~~tangible computer readable storage~~ computer readable memory

medium comprising:

computer readable program code embodied on a tangible computer readable storage

medium, said computer readable program code usable to program a computer to perform a

method for dynamic re-configurable speech recognition comprising:

determining parameters of a background model and a transducer model at a

periodic time during a received voice request;

<u>increasing the periodic time when successes changes in sample noise information</u>

<u>or sample transducer information do not exceed a threshold value;</u>

determining an adapted speech recognition model based on the background model

and the transducer model;

recognizing the voice request using the adapted speech recognition model;

translating the recognized voice request into an HTTP protocol request; and

generating a response to the recognized voice request based on information from a

database based on the HTTP protocol request.

14.   (Canceled)

15.   (Canceled)

16.   (Previously Presented) The method of claim 1, wherein determining parameters of a

background model and a transducer model at a periodic time during a received voice request

further comprises periodic sampling during periods of speech inactivity while receiving the voice

request.

17-20. (Canceled)

21.   (Previously Presented) The method of claim 1, further comprising:

        dynamically determining the periodic time based, at least in part, on a frequency or a

magnitude of determined changes in the sampled noise information.

22-23. (Canceled)

24.   (Previously Presented) The system of claim 5, wherein the controller is further adapted

to adjust the periodic time based, at least in part, on a frequency or a magnitude of determined

changes in successively sampled ones of the noise information.

25.   (Currently Amended) The ~~tangible computer readable storage~~ <u>computer readable</u>

<u>memory</u> medium of claim 13, wherein:

    the background model is determined based on a first sample period; and

    the transducer model is determined based on a second sample period.

26.   (Currently Amended) The ~~tangible computer readable storage~~ <u>computer readable</u>

<u>memory</u> medium of claim 13, wherein the method further comprises saving at least one of the

background model or the transducer model.

27.   (Currently Amended) The ~~tangible computer readable storage~~ <u>computer readable</u>

<u>memory</u> medium of claim 13, wherein determining parameters of the background model and a

transducer model at a periodic time during a received voice request further comprises periodic

sampling during periods of speech inactivity while receiving the voice request.

28.   (Currently Amended) The ~~tangible computer readable storage~~ <u>computer readable</u>

<u>memory</u> medium of claim 13, wherein the method further comprises dynamically determining

the periodic time based, at least in part, on a frequency or a magnitude of determined changes in

the sampled noise information.